

Recombinant Swine Galectin-2 (LGALS2)

Cat. No.: AP9C825

Product Type: Animal Proteins

Size: 10 µg; 50 µg; 200 µg; 1 mg; 5 mg

Product Overview

BioVenic's Recombinant Swine Galectin-2 (LGALS2) is a recombinant protein expressed from *E.coli*. Its predicted molecular weight is 16.5 kDa. The purity is >95% (SDS-PAGE).

Specifications

Type	Recombinant Protein
Species	Swine
Expression System	<i>E.coli</i>
Purity	>95% (SDS-PAGE)
Endotoxin	< 1 EU/µg
Predicted Molecular Weight	16.5 kDa
Molecular Weight	16.5 kDa
Physical State	Lyophilized
Formulation	The buffer before lyophilization is PBS, pH7.4, containing 0.01% SKL, 1mM DTT, 5% Trehalose and Proclin300.

Target Information

Swine galectin 2 is a member of the galectin family, which are β -galactoside-binding proteins known for their role in cell adhesion, migration, and immune response. In swine, Galectin 2 is predominantly expressed in the gastrointestinal tract and plays a role in maintaining the integrity of the epithelial layer and in modulating inflammation and immune responses.

Protein	Swine Galectin-2 (LGALS2)
Protein Synonym	LGALS2; HL14; Lectin;Galactoside-Binding Soluble 2; Beta-galactoside-binding lectin L-14-II; Lactose-binding lectin 2; S-Lac lectin 2
Gene ID	100217393
UniProt ID	Q29373

Shipping and Storage

This product is shipped with dry ice. It is recommended to aliquote as needed and store at -80°C upon receipt. Reconstituted protein solution can be stored at 4°C for 1 week, at $< -80^{\circ}\text{C}$ for 12 months.

User Note

Always centrifuge tubes before opening. Avoid mixing by vortexing or pipetting. Reconstitute in 10mM PBS (pH7.4) to a concentration of 0.1-1.0 mg/mL. Aliquote the reconstituted solution to minimise freeze-thaw cycles.

The product is for research use only. Not for commercial, prophylactic, diagnostic, or therapeutic applications. Please determine the purpose of the product before purchasing. For further information and inquiry, please contact us.